



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

### 1 Identification

- **Product identifier**
- **Trade name:** GO950 CARMINE RED
- **Article number:** GO950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
General Paint Co. S.A.L.  
P.O. Box 7623  
Beirut  
LEBANON  
info@generalpaint.biz
- **Information department:** Product Safety Department
- **Emergency telephone number:** 1-800-535-5053 contract number (89244)

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Repr. 1B H360 May damage fertility or the unborn child.

Flam. Liq. 4 H227 Combustible liquid.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

N-methyl-2-pyrrolidone

- **Hazard statements**

Combustible liquid.

May damage fertility or the unborn child.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

(Contd. on page 2)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 1)

*IF exposed or concerned: Get medical advice/attention.*

*In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.*

*Store in a well-ventilated place. Keep cool.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = \*0

Fire = 2

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

111-76-2	2-butoxyethanol	>2.5-≤10%
67-63-0	propan-2-ol	≤2.5%
872-50-4	N-methyl-2-pyrrolidone	≤2.5%

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

(Contd. on page 3)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 2)

- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

**PAC-1:**

111-76-2	2-butoxyethanol	60 ppm
67-63-0	propan-2-ol	400 ppm
872-50-4	N-methyl-2-pyrrolidone	30 ppm
108-01-0	2-dimethylaminoethanol	3.7 ppm
140-88-5	ethyl acrylate	8.3 ppm

**PAC-2:**

111-76-2	2-butoxyethanol	120 ppm
67-63-0	propan-2-ol	2000* ppm
872-50-4	N-methyl-2-pyrrolidone	32 ppm
108-01-0	2-dimethylaminoethanol	40 ppm
140-88-5	ethyl acrylate	36 ppm

(Contd. on page 4)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 3)

**· PAC-3:**

111-76-2	2-butoxyethanol	700 ppm
67-63-0	propan-2-ol	12000** ppm
872-50-4	N-methyl-2-pyrrolidone	190 ppm
108-01-0	2-dimethylaminoethanol	72 ppm
140-88-5	ethyl acrylate	240 ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 6.1 C
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**

**111-76-2 2-butoxyethanol**

PEL	Long-term value: 240 mg/m <sup>3</sup> , 50 ppm Skin
REL	Long-term value: 24 mg/m <sup>3</sup> , 5 ppm Skin
TLV	Long-term value: 97 mg/m <sup>3</sup> , 20 ppm BEI

**67-63-0 propan-2-ol**

PEL	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
-----	--

(Contd. on page 5)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 4)

REL	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 492 mg/m <sup>3</sup> , 200 ppm BEI
<b>872-50-4 N-methyl-2-pyrrolidone</b>	
WEEL	Long-term value: 10 ppm Skin
<b>Ingredients with biological limit values:</b>	
<b>111-76-2 2-butoxyethanol</b>	
BEI	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
<b>67-63-0 propan-2-ol</b>	
BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
<b>872-50-4 N-methyl-2-pyrrolidone</b>	
BEI	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

• **Breathing equipment:** Not required.

• **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 6)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 5)

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling.

### 9 Physical and chemical properties

**Information on basic physical and chemical properties****General Information****Appearance:****Form:**

Fluid

**Color:**

According to product description

**Odor:**

Characteristic

**Odor threshold:**

Not determined.

**pH-value:**

Not determined.

**Change in condition****Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

100 °C (212 °F)

**Flash point:**

68 °C (154.4 °F)

**Flammability (solid, gaseous):**

Not applicable.

**Ignition temperature:**

240 °C (464 °F)

**Decomposition temperature:**

Not determined.

**Auto igniting:**

Product is not selfigniting.

**Danger of explosion:**

Not determined.

**Explosion limits:****Lower:**

Not determined.

**Upper:**

Not determined.

**Vapor pressure at 20 °C (68 °F):**

23 hPa (17.3 mm Hg)

**Density at 20 °C (68 °F):**1.046 g/cm<sup>3</sup> (8.72887 lbs/gal)**Relative density**

Not determined.

**Vapor density**

Not determined.

**Evaporation rate**

Not determined.

(Contd. on page 7)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 6)

- |   |  |  |
|---|--|--|
| · <b>Solubility in / Miscibility with Water:</b>                  |  | Not miscible or difficult to mix.          |
| · <b>Partition coefficient (n-octanol/water):</b> Not determined. |  |  |
| · <b>Viscosity:</b>   |  |  |
| <b>Dynamic:</b>   |  | Not determined.                            |
| <b>Kinematic:</b>   |  | Not determined.                            |
| · <b>Solvent content:</b>   |  |  |
| <b>Organic solvents:</b>  |  | 7.6 %                                      |
| <b>Water:</b>   |  | 61.7 %                                     |
| <b>Coating VOC content:</b>                                       |  | 7.57 %                                     |
|   |  | 223.3 g/l / 1.86 lb/gal                    |
| <b>Material VOC content:</b>                                      |  | 79.1 g/l / 0.66 lb/gal                     |
| · <b>Solids content:</b>  |  | 28.2 %                                     |
| · <b>Other information</b>  |  | No further relevant information available. |

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:

(Contd. on page 8)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 7)

**· Carcinogenic categories****· IARC (International Agency for Research on Cancer)**

111-76-2	2-butoxyethanol	3
67-63-0	propan-2-ol	3
140-88-5	ethyl acrylate	2B

**· NTP (National Toxicology Program)**

None of the ingredients is listed.

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12 Ecological information

**· Toxicity****· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Behavior in environmental systems:****· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**· Waste treatment methods****· Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**· Uncleaned packagings:****· Recommendation:** Disposal must be made according to official regulations.

US

(Contd. on page 9)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 8)

**14 Transport information**

· <b>UN-Number</b>	NOT APPLICABLE
· <b>UN proper shipping name</b>	NOT APPLICABLE
· <b>Transport hazard class(es)</b>	NOT APPLICABLE
· <b>Packing group</b>	NOT APPLICABLE
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

**· Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**· Section 313 (Specific toxic chemical listings):**

111-76-2	2-butoxyethanol
67-63-0	propan-2-ol
872-50-4	N-methyl-2-pyrrolidone
140-88-5	ethyl acrylate

**· TSCA (Toxic Substances Control Act):**

111-76-2	2-butoxyethanol	ACTIVE
67-63-0	propan-2-ol	ACTIVE
872-50-4	N-methyl-2-pyrrolidone	ACTIVE
108-01-0	2-dimethylaminoethanol	ACTIVE
25265-71-8	Dipropylene glycol (isomer unspecified)	ACTIVE
140-88-5	ethyl acrylate	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE

**· Hazardous Air Pollutants**

140-88-5	ethyl acrylate
----------	----------------

**· Proposition 65****· Chemicals known to cause cancer:**

140-88-5	ethyl acrylate
----------	----------------

(Contd. on page 10)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 9)

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

872-50-4 N-methyl-2-pyrrolidone

**Carcinogenic categories****EPA (Environmental Protection Agency)**

111-76-2 2-butoxyethanol

NL

**TLV (Threshold Limit Value established by ACGIH)**

111-76-2 2-butoxyethanol

A3

67-63-0 propan-2-ol

A4

140-88-5 ethyl acrylate

A4

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

140-88-5 ethyl acrylate

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**

GHS08

**Signal word Danger****Hazard-determining components of labeling:**

N-methyl-2-pyrrolidone

**Hazard statements**

Combustible liquid.

May damage fertility or the unborn child.

**Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

If exposed or concerned: Get medical advice/attention.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 11)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

**Trade name: GO950 CARMINE RED**

(Contd. of page 10)

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department

- **Contact:** N/A

- **Date of preparation / last revision** 09/11/2019 / -

- **Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
BEI: Biological Exposure Limit  
Flam. Liq. 4: Flammable liquids – Category 4  
Repr. 1B: Reproductive toxicity – Category 1B

US